Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032717.D
Acq On : 15 Feb 2018 17:17
Operator : SJ/JU
Sample : J1393-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMSD

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:24 PM

Quant Time: Feb 16 10:43:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	25323	20.00	ng		-0.04
21) Naphthalene-d8	11.50	136	110693	20.00	ng		-0.04
38) Acenaphthene-d10	15.28	164	72229	20.00	ng		-0.03
63) Phenanthrene-d10	18.01	188	242493	20.00	ng		-0.04
75) Chrysene-d12	22.33	240	212786	20.00	ng		-0.04
86) Perylene-d12	25.95	264	340143	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	167918	133.04	ng		-0.04
7) Phenol-d6	7.76	99	178881	103.65	ng		-0.04
23) Nitrobenzene-d5	9.83	82	144190	82.79	ng		-0.04
41) 2,4,6-Tribromophenol	16.75	330	187613	168.69	ng		-0.04
44) 2-Fluorobiphenyl	13.90	172	538366	93.21	ng		-0.03
78) Terphenyl-d14	20.56	244	1153585	123.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	15156	28.705	ng	#	76
3) Pyridine	4.21	79	30175	22.281	ng	#	86
4) n-Nitrosodimethylamine	4.11	42	25811	40.561	ng	#	68
6) Aniline	7.93	93	22841	11.198	ng		95
8) 2-Chlorophenol	8.18	128	66718	45.969	ng	#	82
9) Benzaldehyde	7.73	77	9225	9.045	ng	#	77
10) Phenol	7.78	94	63779	37.998	ng		84
11) bis(2-Chloroethyl)ether	8.02	93	56188	41.755	ng	#	82
12) 1,3-Dichlorobenzene	8.51	146	87589	42.790	ng		95
13) 1,4-Dichlorobenzene	8.66	146	85418	42.238	ng		90
14) 1,2-Dichlorobenzene	9.00	146	90380	44.311	ng		95
15) Benzyl Alcohol	8.87	79	63004	48.706	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.16	45	43559	30.077	ng		70
17) 2-Methylphenol	9.07	107	44270	37.242	ng	#	90
18) Hexachloroethane	9.74	117	33089	44.811	ng	#	84
19) n-Nitroso-di-n-propylamine	9.44	70	43305	37.324	ng	#	88
20) 3+4-Methylphenols	9.41	107	67209	37.409	ng		94
22) Acetophenone	9.47	105	92879	39.453	ng	#	94
24) Nitrobenzene	9.87	77	77701	42.609	ng	#	88
25) Isophorone	10.39	82	139730	42.079	ng	#	82
26) 2-Nitrophenol	10.59	139	38541	39.516	ng	#	79
27) 2,4-Dimethylphenol	10.63	122	63327	49.420	ng		96
28) bis(2-Chloroethoxy)methane	10.88	93	73336	43.202	ng	#	97
29) 2,4-Dichlorophenol	11.14	162	81614	43.516	ng		92
30) 1,2,4-Trichlorobenzene	11.36	180	108097	41.112	ng		98
31) Naphthalene	11.56	128	237515	44.190	ng		99
32) Benzoic acid	10.76	122	31142	31.942	ng		88
33) 4-Chloroaniline	11.66	127	11200	5.252	ng	#	79
34) Hexachlorobutadiene	11.82	225	71476	33.169	ng		94
35) Caprolactam	12.41	113	18452	34.645	ng	#	36
36) 4-Chloro-3-methylphenol	12.74	107	79549	47.154	ng	#	90
37) 2-Methylnaphthalene	13.13	142	196213	45.006	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.48	216	150929	44.242	ng		96
40) Hexachlorocyclopentadiene	13.46	237	215808	99.962	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	77999	45.809	ng		98
43) 2,4,5-Trichlorophenol	13.79	196	92264	43.482	ng	#	92
45) 1,1'-Biphenyl	14.11	154	242446	40.794	ng		95
46) 2-Chloronaphthalene	14.17	162	193576	41.161	ng		96
47) 2-Nitroaniline	14.36	65	45903	44.872	ng	#	72
48) Acenaphthylene	15.00	152	288933	41.760	ng		99
49) Dimethylphthalate	14.71	163	311698	49.924	ng		99
50) 2,6-Dinitrotoluene	14.84	165	55384	43.073	ng	#	75
51) Acenaphthene	15.34	154	259839	54.992	ng		99
52) 3-Nitroaniline	15.17	138	13647	12.019	ng	#	76
53) 2,4-Dinitrophenol	15.37	184	78426	108.322	ng	#	57
54) Dibenzofuran	15.66	168	357439	50.845	ng		96
55) 4-Nitrophenol	15.46	139	91536	106.726	ng	#	79
56) 2,4-Dinitrotoluene	15.62	165	90972	51.347	ng	#	70
57) Fluorene	16.31	166	243434	42.107	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.89	232	115600	57.865	ng	#	84
59) Diethylphthalate	16.05	149	235939	38.838	ng		97
60) 4-Chlorophenyl-phenylether	16.29	204	151547	39.702	ng		93
61) 4-Nitroaniline	16.33	138	31225	26.672	ng		82
62) Azobenzene	16.59	77	155582	39.862	ng		84
64) 4,6-Dinitro-2-methylphenol	16.38	198	51247	31.037	ng	#	68
65) n-Nitrosodiphenylamine	16.50	169	223933	31.487	ng		100
66) 4-Bromophenyl-phenylether	17.19	248	115475	33.274	ng		94
67) Hexachlorobenzene	17.31	284	132100	35.440	ng	#	92
68) Atrazine	17.43	200	99383	32.580	ng		98
69) Pentachlorophenol	17.65	266	191204	83.791	ng		94
70) Phenanthrene	18.06	178	539264	41.398	ng		99
71) Anthracene	18.14	178	469657	35.237	ng		99
72) Carbazole	18.41	167	475273	41.822	ng		100
73) Di-n-butylphthalate	18.92	149	546922	42.744	ng		99
74) Fluoranthene	20.02	202	719724	41.387	ng		94
76) Benzidine	20.25	184	22837m	4.558	ng		
77) Pyrene	20.38	202	605636	47.842	ng		98
79) Butylbenzylphthalate	21.24	149	226696	54.361	ng	#	81
80) Benzo(a)anthracene	22.31	228	551810	41.418	ng		99
81) 3,3'-Dichlorobenzidine	22.21	252	86904	17.466	ng	#	96
82) Chrysene	22.39	228	525489	40.001	ng		97
83) Bis(2-ethylhexyl)phthalate	22.16	149	341702	56.821	ng	#	96
84) Di-n-octyl phthalate	23.51	149	605812	64.210	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.14	276	853162	54.822	ng	#	82
87) Benzo(b)fluoranthene	24.79	252	855942	42.225	ng	#	95
88) Benzo(k)fluoranthene	24.87	252	860294	41.008	ng	#	96
89) Benzo(a)pyrene	25.78	252	821383	41.593	ng	#	96
90) Dibenzo(a,h)anthracene	30.22	278	756856	38.497	ng	#	95
91) Benzo(g,h,i)perylene	31.46	276	790090	41.573	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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